

Amendments to the Claims

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Sub B1
1. (original) A mobile, hand-held fingerprint scanner, comprising:
...
an interface charged rechargeable power supply that powers the fingerprint scanner during mobile use; and

a data and power communication interface that couples data between the fingerprint scanner and a docking station, and that provides power to charge said interface charged rechargeable power supply; whereby, a dedicated plug for recharging a power supply separate from a data interface can be avoided.
 2. (original) The mobile, hand-held fingerprint scanner of claim 1, wherein said interface charged rechargeable power supply includes at least one rechargeable battery.
 3. (original) The mobile, hand-held fingerprint scanner of claim 2, wherein said interface charged rechargeable power supply includes a charging circuit that regulates the charging of said at least one rechargeable battery when the fingerprint scanner is receiving power through the powered interface.
 4. (original) The mobile, hand-held fingerprint scanner of claim 3, wherein said charging circuit regulates the rate of charging of said at least one rechargeable battery.
 5. (original) The mobile, hand-held fingerprint scanner of claim 2, wherein said interface charged rechargeable power supply includes a voltage regulator circuit that

maintains a substantially constant output system voltage from the rechargeable battery during mobile use.

6. (currently amended) The mobile, hand-held fingerprint scanner of claim 2, wherein said ~~powered~~ data and power communication interface comprises a universal serial bus (USB).

7. (currently amended) The mobile, hand-held fingerprint scanner of claim 2, wherein said ~~powered~~ data and power communication interface comprises an IEEE1394 compatible interface.

8. (original) The mobile, hand-held fingerprint scanner of claim 3, wherein said charging circuit regulates the rate of charging of said at least one rechargeable battery.

9. (original) The mobile, hand-held fingerprint scanner of claim 2, wherein said at least one rechargeable battery comprises at least one nickel cadmium battery.

10. (original) A method for charging a mobile fingerprint scanner comprising the step of:

charging a rechargeable power supply in the mobile fingerprint scanner with power carried over a data and communication interface.

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